



XPass D2

Outdoor Compact RFID Reader



XPass D2 is an outdoor compact RFID reader based on Suprema's state-of-the-art RFID technology and multi-hardware platform, optimized for centralized access control systems such as Suprema's CoreStation. Using multi-form factor technology, mullion-type, gangbox-type and gangbox keypad-type are all supported. With dual-frequency (125 kHz/13.56 MHz) RFID technology, XPass D2 also supports mobile cards using NFC and BLE, the latest mobile communication technologies. Packed in a rugged IP65/IP67 rated dust & waterproof performance as well as IK08 rated vandal-proof structure, suitable for tough environment and outdoor installation.

Features



Mobile card (NFC and BLE)



IP67 - Water and Dust Resistant



Industry standard communication via
Open Supervised Device Protocol (OSDP)
OSDP verified by SIA (Security Industry Association)



IK08 - Vandal Resistant



Multi-type hardware structure



Multi-card Reading



Enhanced security with the Secure Element



Issue the smart card by using BioStar 2

Product Specification



Model Name	XPD2-MDB	XPD2-GDB	XPD2-GKDB
125 kHz card compatibility	EM	EM	EM
13.56 MHz card compatibility	MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa	MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa	MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa
Mobile card	NFC, BLE	NFC, BLE	NFC, BLE
IP rating	IP67	IP67	IP67
IK rating	IK08	IK08	IK08
Installation type	Mullion	Gangbox	Gangbox
Keypad	-	-	Supported (3 x 4)
RS-485	1 ch (OSDP compatible)	1 ch (OSDP compatible)	1 ch (OSDP compatible)
Wiegand	1 ch output	1 ch output	1 ch output
TTL	1 tamper output, 3 ch LED, buzzer control	1 tamper output, 3 ch LED, buzzer control	1 tamper output, 3 ch LED, buzzer control
Sound	Multi-tone buzzer	Multi-tone buzzer	Multi-tone buzzer
Operating Temperature	-35°C–65°C	-35°C–65°C	-35°C–65°C
Operating Humidity	0%–95%, non-condensing	0%–95%, non-condensing	0%–95%, non-condensing
Power	DC 12 V	DC 12 V	DC 12 V
Dimensions (WxHxD, mm)	48 x 144.7 x 27	80 x 130 x 25	80 x 130 x 25
Certificates	CE, FCC, KC, RoHS, REACH, WEEE, SIG, OSDP verified	CE, FCC, KC, RoHS, REACH, WEEE, SIG, OSDP verified	CE, FCC, KC, RoHS, REACH, WEEE, SIG, OSDP verified

* DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with XPass D2.



Suprema Inc.

17F Parkview Tower, 248, Jeongjail-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, 13554, Republic of Korea
T +82 31 783 4502 E sales_sys@supremainc.com www.supremainc.com



For more information about Suprema's global offices, visit the webpage below by scanning the QR code.
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